

Abstract

Data processing resources are distributively provided to an emulation system to locally and correspondingly configure emulation integrated circuits. In certain embodiments the data processing resources also perform emulation functions. In one embodiment, the distributed data processing resources are disposed on logic boards having emulation ICs that include the reconfigurable logic resources. In another embodiment, data processing resources receive commands transmitted from a workstation executing electronic design automation (EDA) software. In other embodiments, at least some of the distributed data processing resources are disposed on the emulation ICs. The board and IC disposed distributed data processing resources cooperatively perform the configuration and emulation functions as described.